

## **Abstract**

Technical fabrics are used to solve different engineering problems experienced in transport sector. The aim of this paper is to characterize the technical fabrics used in tricycle/auto rickshaw; understanding the effects of fabric structural parameters on the strength parameters of these fabrics. The fabrics are divided into five categories; top cover fabrics, interior fabrics, side fabrics, door fabrics and seat fabrics. The tensile strength, tear resistance, abrasion resistance, fabric density and ageing of these fabrics were evaluated. The results will aid in finding ways to increase the life cycle of the fabrics. Fabric defects and its cause also identified.